

ABSTRACT

A device for storage of an opened food container such as a wine container. The device includes a housing for receiving the opened food container in a substantially vertical orientation. A poppet valve assembly is provided for insertion
5 in an opening in the opened food container and biased to enable it to accommodate opened food containers of varying sizes. The device includes a pressurized source of heavier-than-air inert gas located within the housing, a regulator for reducing the pressure of the inert gas from a first pressure at the pressurized source of the heavier-than-air inert gas to second pressure at the poppet valve assembly. The poppet valve
10 assembly also includes a spring-loaded check ball, low-pass port, shuttle and orifice to control pressure and flow path of the heavier-than-air inert gas and to direct the heavier-than-air inert gas to the opened food container thus displacing any air that may have been present therein through an exhaust port.